

cyano06\_kaiA

	EcoRI							XbaI							
										Val	Leu	Ser	Gln	Ile	Ala
+2															
1	GAA	TTC	GCG	GCC	GCT	TCT	AGA	GGT	GCT	CTC	GCA	AAT	TGC		
	CTT	AAG	CGC	CGG	CGA	AGA	TCT	CCA	CGA	GAG	CGT	TTA	ACG		
+2	Gln	Asp	Cys	Gln	Arg	Ala	Leu	Ser	Ala	Asp	Arg	Tyr	Gln	Leu	
76	GGA	TTG	CCA	GCG	GGC	GCT	GTC	GGC	CGA	TCG	CTA	TCA	ACT		
	CCT	AAC	GGT	CGC	CCG	CGA	CAG	CCG	GCT	AGC	GAT	AGT	TGA		
+2	Tyr	Ala	Gln	Thr	His	Arg	Asp	Gln	Ile	Asp	Cys	Leu	Ile	Leu	
151	TGC	CCA	AAC	CCA	TCG	TGA	CCA	AAT	CGA	CTG	CCT	GAT	TTT		
	ACG	GGT	TTG	GGT	AGC	ACT	GGT	TTA	GCT	GAC	GGA	CTA	AAA		
+2	Gln	Gln	Leu	Cys	Phe	Glu	Gly	Val	Val	Val	Pro	Ala	Ile	Val	
226	GCA	GCT	CTG	CTT	TGA	GGG	AGT	GGT	GGT	ACC	AGC	GAT	TGT		
	CGT	CGA	GAC	GAA	ACT	CCC	TCA	CCA	CCA	TGG	TCG	CTA	ACA		
+2	Pro	Ala	Lys	Glu	Gln	Leu	Tyr	His	Ser	Ala	Glu	Leu	His	Leu	
301	AGC	CAA	AGA	ACA	GCT	CTA	TCA	CAG	CGC	TGA	ACT	GCA	CCT		
	TCG	GTT	TCT	TGT	CGA	GAT	AGT	GTC	GCG	ACT	TGA	CGT	GGA		
+2	Val	Asp	Ala	Ala	Leu	Ala	Glu	Phe	Leu	Arg	Leu	Ala	Pro	Val	
376	TGA	TGC	TGC	ACT	GGC	TGA	ATT	TCT	GCG	CTT	AGC	CCC	GGT		
	ACT	ACG	ACG	TGA	CCG	ACT	TAA	AGA	CGC	GAA	TCG	GGG	CCA		
+2	Ala	Asn	His	Asp	Pro	Glu	Leu	Ser	Ser	Gln	Gln	Arg	Asp	Leu	
451	CAA	CCA	CGA	TCC	CGA	GCT	ATC	GAG	CCA	GCA	GCG	GGA	CCT		
	GTT	GGT	GCT	AGG	GCT	CGA	TAG	CTC	GGT	CGT	CGC	CCT	GGA		
+2	Gly	Val	Tyr	Tyr	Lys	Arg	Asp	Pro	Asp	Arg	Phe	Leu	Arg	Asn	
526	GGT	CTA	CTA	CAA	GCG	TGA	TCC	CGA	TCG	CTT	TCT	GCG	CAA		
	CCA	GAT	GAT	GTT	CGC	ACT	AGG	GCT	AGC	GAA	AGA	CGC	GTT		
+2	Ala	Met	Gln	Thr	Ser	Tyr	Arg	Glu	Ile	Val	Leu	Ser	Tyr	Phe	
601	GAT	GCA	GAC	TAG	CTA	TCG	TGA	AAT	CGT	TTT	GAG	CTA	TTT		
	CTA	CGT	CTG	ATC	GAT	AGC	ACT	TTA	GCA	AAA	CTC	GAT	AAA		
+2	Asn	Phe	Val	Asn	Met	Ala	Phe	Phe	Ala	Asp	Val	Pro	Val	Thr	
676	CTT	CGT	CAA	CAT	GGC	TTT	CTT	TGC	CGA	TGT	TCC	AGT	CAC		
	GAA	GCA	GTT	GTA	CCG	AAA	GAA	ACG	GCT	ACA	AGG	TCA	GTG		
+2	Glu	Phe	Ala	Lys	Lys	Leu	Arg	Val	Glu	Gly	Arg	Ser	Glu	Asp	
751	GTT	TGC	CAA	GAA	GCT	CCG	CGT	AGA	GGG	ACG	TTC	AGA	GGA		
	CAA	ACG	GTT	CTT	CGA	GGC	GCA	TCT	CCC	TGC	AAG	TCT	CCT		
+2	Val	Ile	Ala	His	Leu	Cys	Glu	Met	Tyr	Arg	Arg	Ser	Ile	Pro	
826	AAT	TGC	ACA	TCT	TTG	TGA	GAT	GTA	TCG	ACG	GTC	TAT	CCC		
	TTA	ACG	TGT	AGA	AAC	ACT	CTA	CAT	AGC	TGC	CAG	ATA	GGG		

cyano06\_kaiA

901 PstI  
W  
G  
C

---